

14 releasable engagement of said stud, thereby providing releasable engagement
15 between said structures;

16 wherein one of said structures comprises a door.

17 7. (Amended) The system as recited in claim 1, wherein said surface of
18 said stud defines a groove that extends about a periphery of said stud.

19 14. (Amended) A system for providing releasable engagement between
20 two structures and for maintaining a predetermined gap between said
21 structures, said system comprising:

22 a substantially cylindrical stud mounted on one of said structures and
23 extending outwardly therefrom along an axis, said stud having a groove
24 extending about a periphery of said stud at an angle to said axis of said stud;
25 and

26 a torroidal radial spring positioned adjacent a surface of the other one
27 of said structures, said radial spring having an outer surface contacting said
28 surface of said structure to prevent movement of said outer surface radially
29 outwardly with respect to said axis of said stud, said radial spring also having
30 an inner surface movable radially outwardly with respect to said axis of said
31 stud;

32 said inner surface of said radial spring defining an inner diameter
33 smaller than the maximum diameter of said stud when said radial spring is
34 relaxed, and said inner surface being configured to expand radially outwardly
35 to permit passage of said stud when said radial spring is expanded, said radial
36 spring being configured to engage said groove of said stud for releasable
37 engagement of said stud, thereby providing releasable engagement between
38 said structures, and thereby maintaining said predetermined gap between said
39 structures.

Sub B4
1 19. (Amended) A system for providing releasable engagement between
2 two structures and for maintaining a predetermined gap between said
3 structures, said system comprising:

4 a plurality of substantially cylindrical studs mounted on one of said
5 structures and extending outwardly therefrom, each of said studs extending
6 along an axis and having a groove oriented at an angle to said axis and
7 located to maintain said predetermined gap between said structures; and

Alt
8 a plurality of torroidal radial springs mounted adjacent surfaces of the
9 other one of said structures, each of said radial springs being mounted at a
10 location corresponding to an axis of one of said studs when said structures
11 are adjacent one another, and each of said radial springs having an outer
12 surface contacting a surface of said structure to prevent movement of said
13 outer surface radially outwardly, and each of said radial springs also having
14 an inner surface movable radially outwardly;

15 said inner surface of each of said radial springs defining an inner
16 diameter smaller than the maximum diameter of said studs when said radial
17 springs are relaxed, and said inner surface of each of said radial springs
18 being configured to expand radially outwardly to permit passage of one of
19 said studs when said radial springs are expanded, each of said radial springs
20 being configured to engage said groove of one of said studs for releasable
21 engagement of said stud, thereby providing releasable engagement between
22 said structures, and thereby maintaining said predetermined gap between said
23 structures.

Please cancel claims 9, 13, 16-18, 20, and 21 without prejudice
to the filing of a divisional application including those claims.

Please add new claims 22 and 23, as follows.

Sub B5
1 22. A latching assembly for providing releasable engagement between two
2 structures, said latching assembly comprising:

3 a stud extending outwardly from one of said structures along an axis,
4 said stud having an outer surface oriented at an angle to said axis; and

5 a resilient member positioned adjacent a surface of the other one of
6 said structures, said resilient member having a substantially toroidal
7 configuration, an outer surface contacting said surface of said structure to
8 prevent movement of said outer surface radially outward, and an inner
9 surface defining an opening and moveable radially outward;

10 said resilient member having a position wherein said opening is
11 smaller than said stud to engage said outer surface of said stud for releasable
12 engagement, and said resilient member having an expanded position wherein
13 said opening is sized to permit passage of said stud.

1 23. An enclosure latching system for providing releasable engagement
2 between a door and an enclosure, said latching system comprising:

3 a stud extending outwardly from one of said door and said enclosure
4 along an axis, said stud having an outer surface oriented at an angle to said
5 axis; and

6 a resilient member positioned adjacent a surface of the other one of
7 said door and said enclosure, said resilient member having a substantially
8 toroidal configuration, an outer surface contacting said surface of said other
9 one of said door and said enclosure to prevent movement of said outer
10 surface of said resilient member radially outward, and an inner surface
11 moveable radially outward;

12 said toroidal configuration of said resilient member defining an opening
13 smaller than said stud, and said opening of said resilient member being
14 configured to expand radially outward to permit passage of said stud, said
15 resilient member being configured to engage said surface of said stud for
16 releasable engagement of said stud, thereby providing releasable engagement
17 between said door and said enclosure.